# **Iowa Department of Natural Resources Environmental Protection Commission**

ITEM 7 DECISION

**TOPIC** Solid Waste Alternatives Program – Recommendations

The Department received 21 proposals, requesting over \$2.3 million in financial assistance, for consideration during the April 2006 round of funding. Thirteen (13) projects were selected for funding or additional consideration. If approved they will receive \$716,787 in a combination of forgivable loans, zero interest loans and three-percent (3%) loans.

The review committee consisted of five persons representing the Energy and Waste Management Bureau (Jeff Geerts & Jennifer Reutzel), Iowa Society of Solid Waste Operations (Don Vogt), Iowa Recycling Association (Gary Brinkmann), and the Iowa Waste Exchange (Shelly Codner).

The table below summarizes recommendations by applicant and project type and by the type of award.

Recommended By Applicant Type	# Awards	Award Amount	Forgivable Loan Portion
Local Government	4	\$112,481	\$79,415
Private For Profit	5	\$502,906	\$60,000
Private Not For Profit	4	\$101,400	\$25,049
Recommended By Project Type	# Awards	Award Amount	Forgivable Loan Portion
Best Practices	9	\$422,300	\$105,049
Market Development	2	\$255,072	\$20,000
Education	2	\$39,415	\$39,415
Type of Award	# Awards	Award Amount	Forgivable Loan Portion
Forgivable loan only	5	\$84,464	\$84,464
Forgivable and 0% loan only	4	\$151,425	\$80,000
0% and 3% interest loan only	1	\$225,000	\$0
0% interest loan only	2	\$76,351	\$0
3% interest loan only	1	\$179,547	\$0

At this time, the Department is requesting Commission approval to enter into contracts with selected applicants whose awards will be in excess of \$25,000 subject to satisfactory review of additional requested information, review of business plans, negotiation of budget, match, deliverables, and other requested information.

A description of each recommended project, the project type, the amount and type of funding assistance is attached followed by a description of other proposals received but not recommended for funding.

Wayne Gieselman Division Administrator Environmental Services Division

### Attachment

a) Application descriptions

May 25, 2006

#### SOLID WASTE ALTERNATIVES PROGRAM

#### PROPOSAL RECOMMENDATIONS – APRIL 2006

The Department received twenty-one (21) proposals, requesting over \$2.3 million in financial assistance, for consideration during the April 2006 round of funding. Thirteen (13) projects were selected for funding or additional consideration. If all are approved they will receive \$716,787 in a combination of forgivable loans, zero interest loans and three-percent (3%) loans.

The following provides a description of each project, the project type, and the amount and type of funding assistance. The descriptions are organized as projects above \$25,000, those \$25,000 and below, and proposals received but not selected.

### PROPOSAL RECOMMENDATIONS: ABOVE \$25,000

### **BEST PRACTICES PROJECTS:**

Shamrock Recycling Inc. Forgivable Loan: \$20,000
1001 Michigan Street Zero Interest Loan: \$12,587
Emmetsburg, IA 50536 3% Interest Loan \$0
Total Award Amount: \$32,587

Cash Match: \$10,863
In-Kind Match: \$260,040
Local Match: \$270,903

Total Project Cost: \$303,490

Project Title: Shamrock Waste Wood Processing

Contact: Mike Flannegan Phone: 712-426-3002

Project Type: Best Practices
Applicant: Private For Profit

**Description:** Applicant requests funds to implement a wood waste recycling

system within its processing facility to allow for waste wood collection from identified commercial generators throughout its existing 6-county service area. Funds will go towards the

purchase of equipment necessary to initiate material collection at all generator sites. Nearly 240 tons of wood will be diverted from the landfill in the first year of operation, with projected increases in

subsequent years.

Target Area: Emmetsburg, Palo Alto and Pocahontas Counties (at minimum)

Crossroads of Western Iowa **One Crossroads Place** Missouri Valley, IA 51555

Forgivable Loan: \$0 \$63,451 **Zero Interest Loan:** 3% Interest Loan **Total Award Amount:** \$63,451

> Cash Match: \$30,564 In-Kind Match: \$33.540 Local Match: \$64,104

Total Project Cost: \$127,555

**Project Title: Crossroads Recycling** 

Contact: David Lovell Phone: 712-642-4114

**Project Type: Best Practices** 

Applicant: Private Not For Profit

**Description:** The applicant, serving as Harrison County's designated recycling

> processor, requests funds to support enhancements to their two county processing facilities. The two facilities process cardboard, paper, plastics, tin and aluminum for Harrison County and for regional commercial/industrial businesses. Funds will support the purchase of equipment to expand overall material throughput in the Onawa facility and improve processing efficiency in the Missouri Valley facility. The project will allow the applicant to increase total

materials diverted from the area landfill to 918 tons per year.

Target Area: Harrison and Monona Counties

**City Carton Recycling** 3 E. Benton Street

Iowa City, IA 52240

Forgivable Loan: \$0 \$0 **Zero Interest Loan:** 3% Interest Loan: \$179,547 **Total Award Amount:** \$179,547

> \$58,183 Cash Match: In-Kind Match: \$186,900 Local Match: \$245,083

**Total Project Cost:** \$424,630

**Project Title: Drop Site Expansion** 

Contact: Frank Miller Phone: 319-351-2848

**Project Type:** Market Development Applicant: Private For Profit

**Description:** Applicant requests funds to expand and upgrade its Iowa City

> recycling drop-site. The current drop-site supports the city's multifamily and small business customer base and represents their sole method of participating in a recycling program. Materials collected at the site include cardboard, mixed paper, plastics, glass, metals, and vinyl. Funds would go towards additional compactors and recyclable

receiver boxes and re-construction of the drop-site to improve

current issues with site-user flow and material overflow. With this project the applicant will be able to divert over 1,400 tons of material from the landfill in its first year of operation, with projected increases in years to follow.

**Target Area:** Johnson, Cedar, Iowa and Washington Counties

Responsible RedevelopmentForgivable Loan:\$20,000Initiative/Robert L. JohnsonZero Interest Loan:\$15,7001079 Elm Street3% Interest Loan:\$0Dubuque, IA 52001Total Award Amount:\$35,700

Cash Match: \$11,900
In-Kind Match: \$138,900
Local Match: \$150,800

Total Project Cost: \$186,500

Project Title: Responsible Redevelopment Initiative

Contact: Robert L. Johnson Phone: 563-599-1102

Project Type: Best Practices
Applicant: Private For Profit

**Description:** Applicant is a partnership between MidAmerica Architectural Salvage

and the Four Mounds Foundation. The applicant requests funds to expand their building deconstruction initiatives and their salvaged resaleable C&D product development activities. In partnership with the City of Dubuque, the Dubuque Community Foundation and key residential and commercial area developers, the applicant will increase the number of salvage projects and the amount of diverted C&D material through improving efficiency by using the funds to acquire needed material handling equipment for job expansion. With equipment acquisition, the applicant will be able to increase their

C&D landfill diversion tonnage to over 480 tons per year.

Target Area: Dubuque and Delaware Counties

Buena Vista County Solid WasteForgivable Loan:\$20,000CommissionZero Interest Loan:\$33,0661263 630th Street3% Interest Loan\$0Storm Lake, IA 50588Total Award Amount:\$53,066

Cash Match: \$53,066
In-Kind Match: \$ 0
Local Match: \$53,066

Total Project Cost: \$106,132

Project Title: Processed Engineered Fuel Modification
Contact: Donna Cavanaugh Phone: 712-732-7171

Project Type: Best Practices
Applicant: Local Government

**Description:** Applicant requests funds to modify their current recycling system to

increase separation of recyclable and combustible materials out of the landfill wastestream and divert materials into the production of saleable RDF (Refuse-Derived Fuel) pellets in partnership with the Cherokee County Recycling Center. Funds would support the purchase of a conveyer system and additional processing equipment for use in material separation at their facility. The project will divert an additional 3,500 tons of material from the landfill each year.

Target Area: Buena Vista County

### **MARKET DEVELOPMENT PROJECTS:**

Soil-Tek Forgivable Loan: \$0
4400 NE 14<sup>th</sup> Street Zero Interest Loan: \$150,000
Des Moines, IA 50313 3% Interest Loan: \$75,000

Total Award Amount: \$225,000

Cash Match: \$225,400
In-Kind Match: \$ 0
Local Match: \$225,400

Total Project Cost: \$450,400

Project Title: 'Growing' By Leaps & Bounds

Contact: Tom Truelsen Phone: 515-208-5171

Project Type: Market Development Applicant: Private For Profit

**Description:** Applicant requests funds to purchase equipment to expand their

compost application operation due to increased demand in the Cedar

Rapids/Linn County service area. Funds would go towards the purchase of a pneumatic blower truck, front-end loader, dump truck and pickup truck for use on job sites. This equipment would support market demand for an additional 7,500 cubic yards of compost per year in the applicant service area on top of their current compost

material usage.

**Target Area:** Cedar Rapids and surrounding area

Culvers' Lawn and Landscape, Inc 1682 Dubuque Rd.

Marion, IA 52302

Forgivable Loan: \$20,000
Zero Interest Loan: \$10,071
3% Interest Loan: \$ 0
Total Award Amount: \$30,071

Cash Match: \$75,024
In-Kind Match: \$15,090
Local Match: \$90,114

Total Project Cost: \$120,185

Project Title: Comprehensive Compost Education/Marketing Campaign

Contact: Amanda Felton Phone: 319-377-4195

Project Type: Market Development Applicant: Private For Profit

**Description:** Applicant requests funds to conduct a targeted education and market

development initiative to expand the large bulk compost markets for erosion control and stormwater management throughout eastern lowa. Targeted groups are land developers, residential and commercial builders, engineers, landscape architecture firms and municipalities throughout eastern lowa. Funds will be utilized for the development of a comprehensive campaign, which will include the distribution of education and marketing materials specific to each target group identifying the environmental benefits attainable through use of compost in a comprehensive soil erosion and stormwater management plan. This project will support a market for, at a minimum, 13,000 cubic yards of compost in the 2006 season with

subsequent growth increases in following years.

Target Area: Eastern Iowa

## PROPOSAL RECOMMENDATIONS: \$25,000 AND BELOW

## **BEST PRACTICES PROJECTS:**

Humboldt Workshop Inc.Forgivable Loan:\$5,04921 North TaftZero Interest Loan:\$0Humboldt, IA 505483% Interest Loan\$0Total Award Amount:\$5,049

Cash Match: \$1,684
In-Kind Match: \$ 17,790
Local Match: \$19,474

Total Project Cost: \$24,523

Project Title: Humboldt Workshop Baler

Contact: Curt Duffield Phone: 515-332-2841

**Project Type:** Best Practices

**Applicant:** Private Not For Profit

**Description:** Applicant requests funds to purchase a baler to allow for the

recycling of corrugated cardboard and shredded office paper

generated through the local community and provide employment for the applicant's adult vocational programs. These materials are currently being landfilled. The baler will allow for processing and marketing of the recovered materials. Approximately 46 tons of

material will be diverted from the landfill each year.

Target Area: Humboldt County

**Habitat for Humanity- Quad Cities** 3629 Mississippi Ave. Suite B Davenport, IA 52807-1905

Forgivable Loan: \$0 Zero Interest Loan: \$12.900 3% Interest Loan **\$0 Total Award Amount:** \$12,900

> Cash Match: \$4.650 In-Kind Match: \$121,310 \$125,960 Local Match:

\$138,860 **Total Project Cost:** 

**Project Title:** Restore C&D Harvesting

Contact: Cindy Kuhn Phone: 563-391-4949

**Best Practices Project Type:** 

Private Not For Profit Applicant:

**Description:** Applicant requests funds to increase landfill diversion of reusable

> construction and demolition debris in the Quad Cities area by partnering with the Scott County Area Landfill to divert and transfer saleable building materials being originally sent to the landfill. The applicant will also increase their material salvage efforts in Quad Cities buildings slated for demolition. Funding awarded will go towards the purchase of a flatbed truck and salvage tools. These projects will aid the applicant in reaching their projected goal of diverting and reusing over 240 tons of C&D material per year.

Scott County, Quad Cities Target Area:

**Dubuque Metropolitan Area SWA** 

Forgivable Loan: 925 Kerper Ct., Zero Interest Loan: Dubuque, IA 52001 3% Interest Loan

**Total Award Amount:** \$20,000

> \$20,000 Cash Match: In-Kind Match: \$18,295 Local Match: \$38,295

\$20,000

**\$0** 

**\$0** 

**Total Project Cost:** \$58,295

**Project Title: Rural Recycling Drop Off Program** 

Contact: Chuck Goddard Phone: 563-589-43654

**Project Type: Best Practices** Applicant: Local Government

**Description:** Applicant requests funds to initiate a comprehensive recycling drop

> off collection program for residents and commercial businesses in rural Dubuque County, who currently lack access to a recycling

program. Targeted waste includes cardboard, paper, tin, plastic and

aluminum. Funds would go towards the purchase of roll-off containers and a trailer to be used in recyclables collection. The project will also include an education and media campaign to

increase awareness within the targeted population. Applicant projects a diversion of 312 tons of material in the first year, growing to a goal of 1,560 tons per year by Year Five.

Target Area: Dubuque County

Linn CountyForgivable Loan:\$20,000Secondary Road DepartmentZero Interest Loan:\$01888 County Home Road3% Interest Loan\$0Marion, IA 52302Total Award Amount:\$20,000

Cash Match: \$17,500
In-Kind Match: \$22,500
Local Match: \$40,000

Total Project Cost: \$60,000

Project Title: "Pulling for Compost"

Contact: Lance Letellier Phone: 319-892-6400

Project Type: Best Practices
Applicant: Local Government

**Description:** Applicant requests funds to assist in the purchase of a pull-behind

compost trailer with a specially designed right-side discharge that will allow for easy and efficient placement of compost on the county's secondary road sides. The trailer is seen as a solution to the

county's previous struggle to find an efficient and cost-effective way to incorporate compost use into their road maintenance. The project will uniquely demonstrate the effectiveness of this equipment to all other lowa counties and provide a highly desirable market outlet for rough-grade compost with limited screening. The project will provide a sustainable compost market for 1,000 cubic yards of rough-grade

compost each year.

Target Area: Linn County

#### **EDUCATION PROJECTS:**

University of Northern IowaForgivable Loan:\$19,415Center for Energy andZero Interest Loan:\$0Environmental Education3% Interest Loan\$0Cedar Falls, IA 50614-0293Total Award Amount:\$19,415

Cash Match: \$18,067
In-Kind Match: \$2,681
Local Match: \$20,748

Total Project Cost: \$40,163

Project Title: Teaching Teachers & Future Teachers Solid Waste Alternatives

Contact: Susan Salterberg Phone: 319-273-2573

Project Type: Education

Applicant: Local Government

**Description:** Applicant requests funds for a two-year education initiative to offer

Waste Reduction: Addressing the Overlooked "R" teacher education courses to Iowa educators throughout the state. Based on the success of previous work, there will be two components to the initiative: (i) mini-workshops taught to an estimated 300 teacher

education majors at lowa colleges and universities along with current teachers at state educator conferences; and (ii) graduate courses offered to 60-70 lowa teachers that will provide them with the

opportunity to obtain graduate credit through workshop participation. The workshops will increase awareness and knowledge of wasterelated natural resource issues among educators, and provide training, lesson plans, and resources to help them educate about

waste issues in their own classrooms.

Target Area: State of Iowa

Center on Sustainable Communities

301 Grand Avenue Des Moines, IA 50309 Forgivable Loan: \$20,000
Zero Interest Loan: \$0
3% Interest Loan \$0
Total Award Amount: \$20,000

Cash Match: \$23,979
In-Kind Match: \$117,995
Local Match: \$141,974

Total Project Cost: \$161,974

Project Title: Center on Sustainable Communities Executive Director

Contact: Lynnae Hentzen Phone: 515-309-3266

**Project Type:** Education

**Applicant:** Private Not For Profit

**Description:** Applicant requests funds to further develop their non-profit

organization by expanding their Executive Director into a permanent, full-time position. The applicant serves as a resource to encourage, educate and promote sustainable building practices among building professionals and homeowners. The applicant's outreach efforts and educational forums in 2005 were strongly supported by the hundreds of state building professionals who were educated on the topics of sustainable design, recycled-content building products and materials, sustainable landscaping, and construction and demolition recycling. This project will allow the organization to expand their efforts and

target a statewide audience.

Target Area: State of Iowa

## PROPOSALS RECEIVED, NOT RECOMMENDED

Van Buren County SWC Total Amount Requested: \$9,725

406 Dodge Street Keosauqua, IA 52565

Project Title: Electronic Waste Education and Collection
Contact: Roberta Stephenson Phone: 319-293-3262

Project Type: Best Practices
Applicant: Local Government

**Description:** Applicant requests funds to educate residents on the importance of e-

waste recycling and add e-waste to the list of collected items at an

upcoming Toxic Waste Collection Day in Fall 2006...

Plymouth County SWA Total Amount Requested: \$20,000

34898 150<sup>TH</sup> Street Le Mars, IA 51031

Project Title: Plymouth County Recycling

Contact: Mark Kunkel Phone: 712-546-6071

Project Type: Best Practices
Applicant: Local Government

**Description:** Applicant requests funds to establish a permanent drop-off recycling

collection service throughout the county's rural cities/towns

Digital Aid, Inc. Total Amount Requested: \$20,000

10201 University Ave., Suite A15

Clive, IA 50246

Project Title: Computers to Africa

Contact: Kungle Oguneye Phone: 515-771-6775

**Project Type:** Best Practices

**Applicant:** Private Not For Profit

**Description:** Applicant requests funds to continue/expand existing program

collecting used computers and monitors from lowa communities and

donating them to targeted schools in Africa

Greystone Manufacturing, LLC Total Amount Requested: \$292,500

2601 Shoreline Drive Bettendorf, IA 52722

Project Title: Recycled Plastic Pallet Project

Contact: James Strieck Phone: 563-332-0052

**Project Type:** Best Practices

**Applicant:** Private For Profit

**Description:** Applicant requests funds to purchase manufacturing equipment to

expand their current production of pallets made from recycled

plastics in response to increased product demand.

Keokuk Historical Total Amount Requested: \$17,000

Preservation Commission 415 Blondeau Street Keokuk, IA 52632

Project Title: The North Third Street Project

Contact: Charles Mitchell Phone: 319-524-5636

Project Type: Best Practices
Applicant: Local Government

**Description:** Applicant requests funds to support a deconstruction/salvage effort

targeted towards two city structures in Keokuk, IA.

Iowa Recycling Association Total Amount Requested: \$7,025

2742 SE Market Street Des Moines, IA 50317

Project Title: Freecycle at the Fair

Contact: Dewayne Johnson Phone: 515-265-1596

**Project Type:** Education

**Applicant:** Private Not For Profit

**Description:** Funding to establish a display at the Iowa State Fair to expand

Freecycle<sup>TM</sup>, a free email Listserv to connect lowans with material they wish to get rid of with other lowans who could have a use for

that material (with the goal of reducing landfill waste).

Ameri Computer Recycling. Ltd Total Amount Requested: \$128,050

1402 E. Anson

Marshalltown, IA 50158

Project Title: Building and equipment purchase

Contact: Kenneth Halstead Phone: 641-753-4006

**Project Type:** Market Development **Applicant:** Private For Profit

**Description:** Applicant requests funds to establish their permanent e-waste

recycling facility in Marshalltown, as well as increase their marketing

efforts to all targeted customer markets

Roger Wahl Total Amount Requested: \$1,000,000

3357 220<sup>th</sup> Street Lawler, IA 52154

Project Title: Reclamation of Waste Tires

Contact: Roger Wahl Phone: 484-776-4033

Project Type: Market Development Applicant: Private For Profit

**Description:** Applicant requests funds for a pilot project to determine the viability

and feasibility of establishing a tire pyrolization process

# April 2006 SWAP EPC Agenda Item:

Additional FYI Notes

Breakdown by projects approved for funding vs. projects under additional consideration pending further information:

Approved	Additional Consideration
Crossroads of Western Iowa	Shamrock Recycling
City Carton Recycling	Buena Vista County Solid Waste
	Commission
Responsible Redevelopment Initiative	Soil-Tek
Humboldt Workshop, Inc.	Culvers' Lawn & Landscape
Habitat for Humanity – Quad Cities	
Dubuque Metropolitan Area SWA	
Linn County Secondary Road Dept.	
UNI	
Center on Sustainable Communities	
TOTAL	TOTAL
\$376,062	\$340,725

### **Additional Note:**

The application from Buena Vista County SW Commission (currently under additional consideration) is a project related to Senate File 2381 (RDF legislation)